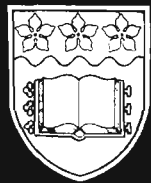


# THE UNIVERSITY OF WOLLONGONG

# CAMPUS NEWS



Distributed each Tuesday

Deadline for copy noon Monday  
of previous week

Editor: George Wilson, Tel. (042) 270926

26 July 1988

## University Receives Superb Gift of Japanese Works of Art

Professor Howard Worner, CBE, Director of the Microwave Applications Research Centre at the University, has presented the University with a superb collection of Japanese works of art.

The collection includes prints and original works by leading Japanese artists from the 18th century to contemporary times. Most of the works were presented to Professor Worner—an admirer of oriental art—during his term of office as the Chairman of the Victorian Brown Coal Council.

The exquisite nature of the collection is an indication of the high esteem in which he was held by the Japanese.

Professor Worner is interested in contributing to other aspects of the University community apart from science and engineering. He is of course playing a pioneering role in the development of microwave energy. And he is also providing funds for an annual sculpture competition, with the winning works to be permanently displayed on the campus.

John Eveleigh, Senior Lecturer in the School of Creative Arts, writes:

'By any standard, to be an active, innovative leader of a university microwave applications research team, Howard Worner, in his mid-seventies, is an exceptional human being.

'To donate \$2000 a year, for an annual acquisitive sculpture prize for the work of a Wollongong University Creative Arts student to become part of the University's permanent collection; and to donate to the permanent collection a group of rare and Japanese artefacts, including miscellaneous coloured wood blocks and a folio of works by Hokusai and Hiroshige, two of Japan's greatest artists, is nothing short of extraordinary.

'On receiving the gifts on behalf of the University, the Vice-Chancellor, Professor Ken McKinnon, said that the last time he had seen a group of Hokusai prints of Mount



Professor Howard Worner CBE with one of his presentation works

Fuji was in Claude Monet's house at Giverny, in France. Bronwyn Watson, the *Sydney Morning Herald* art critic, wrote recently: "Hokusai's famous series 36 views of Mount Fuji no doubt influenced Monet with painting the same motif over and over again." Watson continues: "The importance of the Japanese prints to the development of impressionism, post-impressionism and subsequently 20th century art cannot be underestimated."

'Among the coloured landscape wood blocks donated by Professor Worner is Hosakai's *A Scene of Surugadai Waterway* (1810-15). Only one or two of its original prints exist.

'Professor Howard Worner at the presentation ceremony declared his love of science and the arts. Indeed, as a young man, he studied first at a technical college, then did a fine arts course, before going on to university. He stressed that Australia needed to strengthen its cultural ties with its strong commercial trading partner, Japan. He hoped that this collection of Japanese artefacts would have relevance in this respect.

'The debt the University owes to Howard Worner is incalculable.'

### CAMPUS NEWS RELOCATED

Contributors to *Campus News* should note that copy for issues for August 2 *et seq.* should be delivered to our new location on the ground floor of the Administration Building—next to the EEO office.

# General Notices

## Administrative Rearrangements

For the remainder of 1988, Jim Langridge will be concentrating on the reorganisation of the company structures, the development of Stage II of the Technology Centre and the financing and construction of the Business and Technology Complex at Campus East.

During this period, he will continue to oversee the development of the University's 1989 budget, and Susan Smith will assume responsibility for the University's day-by-day financial management. You should deal with her on financial matters in the first instance. Mr Langridge will also retain responsibility for the further development of the University's international operation, in conjunction with George Cepak and the Planning and Marketing Branch.

These arrangements will remain in place until the end of December.

### APPOINTMENT OF SUB-DEANS

The following academic staff have been appointed as Sub-Deans in the Faculties indicated:

- Faculty of Arts – Ms J. Castle
- Faculty of Commerce – Mr G. Tibbits
- Faculty of Education – Mr K. McLellan
- Faculty of Engineering – Dr M. Lowrey
- Faculty of Mathematical Sciences – Dr A.G. Morris
- Faculty of Science – Dr A.C. Hutton

The Sub-Deans have responsibility within the Faculties for the oversight of undergraduate studies matters in general, with particular reference to:

- reviewing progress of students
- counselling students
- supervising student advisory and schools liaison activities of member units
- exercising delegations determined by Council (in relation to advanced standing, admission, show cause etc).

### ACCIDENT INSURANCE

Through the benevolence of the Recreation and Sports Association and the Student Representative Council the campus population is now covered for accident and illness up to \$1000 (with \$20) excess. There is also a lump sum payment for permanent disabilities as shown below. All you have to do is follow the steps correctly:

1. Have an accident or illness (not compulsory for everyone).

**UNIVERSITY OPEN DAY**

**SUNDAY AUGUST 28**

**10 AM – 5 PM**

**Inquiries (042) 27 0073, (042) 27 0027**

2. As soon as practicable after event report to the Recreation Centre for a claim form (blue) and doctor's report (yellow).
3. At the conclusion of treatment pay all bills and make claims on Medicare and private health insurance. Keep all receipts and payments records.
4. Take everything in to the RSA with the two completed forms for dispatch to Studentplan in Melbourne.
5. Wait...be patient.
6. A cheque comes back to the RSA from Melbourne and is forwarded to you.

#### Points to note

1. To be covered you must be a financial member of the SRC or RSA.
2. The cover is for 24 hours a day, 365 days a year and includes accidents worldwide.
3. It costs the SRC/RSA a considerable amount to supply this service so do use it, especially if you have financial problems.

### RECREATION AND SPORTS ASSOCIATION

#### Unirobics – Starts Week 2

- Exercising to music with friends
- Classes designed to suit your level of fitness
- All qualified instructors
- Class times: Monday to Friday 5.40 to 6.25 pm, Tuesday and Thursday 12.40 to 1.25 pm
- Prices: \$2 per class or \$30 for 20 visits.

#### Unicircuit – Starts Week 2

- Exercising to music with weights
- Exercising with the guidance of a qualified instructor
- All classes are in the Unigym weights area
- Class times: Monday and Wednesday 12.40 to 1.20 pm, Tuesday and Thursday 4.40 to 5.20 pm
- Prices: \$2 per class or \$30 for 20 visits.

#### Unigym

- Weight training area, equipped with hydra gym and machine weights
- Emphasises body toning, fitness and endurance
- Our instructor is available to develop your own personal program
- First visit by appointment only
- Prices: \$1 first visit, \$1.50 single visit, \$10 for ten visits, \$18 for 20 visits.

#### 'Learn to Play' – Coaching Courses Start Week 3

Courses include archery, social dance, tai chi, squash, tennis, sailing, yoga, golf, women's self defence.

#### Outdoor Recreation

Outdoor recreational pursuits on day and weekend trips. Courses include:

- Bushwalking – August 14
- Horse riding – September 18
- Beginners canoeing – September 24 and 25
- Advanced canoeing – October 8 and 9
- Waterskiing – October 23
- Scuba diving – Early December (two courses)

#### Fitness Assessment

An on-campus fitness testing facility is available to all students and staff at a very reasonable cost. Testing is conducted by the Human Movement Sports Science Department and is concerned with testing body fat, blood pressure, lung function, muscular strength, endurance and flexibility. Students are subsidised by the Recreation and Sports Association. Costs: Students \$10, Staff \$15.

More information from the Recreation and Sports Association on 28 1266, or ext 3361.

## 200 years in the making

It has never happened before—anywhere, any time. And it has been 200 years in the making. Prepare yourself for Bicentennial events that will take Wollongong by storm for two weeks in August.

The first of these is the conference, The Italian Community in Australia: the first 200 years, here on campus and at Macquarie University from August 27–29. The second, but not the lesser feature, is a supporting festival of cultural happenings illustrating the lasting affect on the Australian way of life which the Italian community of Wollongong has made by way of historic cultural influence.

This endorsed Bicentennial project has been on the drawing boards for 18 months and has attracted the most eminent scholars and writers in this field from all over Australia and Europe.

Initiated by the Department of Languages, the conference is the brainchild of senior lecturer Gaetano Rando, and was developed out of the spirited teamwork of leading figures in the local community. The academic program was enriched by input from our Centre for Multicultural Studies.

It is interesting to note that The Italian Writers Association of NSW (affiliated with the FAW) will be participating by way of presenting creative literary works based on the Italo-Australian experience. This growing group of authors has blossomed almost in parallel with the notion of the conference.

A remarkable feature is that the 30 and more local, Italian-focused associations and clubs have, for the first time, contributed to sponsoring and producing a comprehensive cultural program of social and sporting events and including the participation of school children of Italo-Australian extraction.

A highlight of this creative segment will be an exhibition of artistic works of arts and crafts (executed by amateur and professional Italo-Australian artists) to be displayed in the Long Gallery.

Concurrently, the Michael Birt Library will mount a display of Italo-Australian books and promote a highly acclaimed historical photographic montage created by Dr Paolo Totaro, Commissioner of Ethnic Affairs, NSW.

The Lord Mayor and City of Wollongong will host a Civic Reception for the opening of the Art Exhibition, Point of Focus 88, and has permitted uninhibited use of The Mall for exhibitions such as the famous Flag Whirling Contest of the local *Alfieri*. Additionally, the City Librarian will be promoting Italian language writings throughout the district, particularly those connected with language teaching/learning aids within the family and the workplace generally.

To open the academic and cultural festival officially in the cultural tradition, His Grace, Bishop James Murray, together with the Provincial of the Scalabrini Order in Australia, the Reverend G. Visentin, will celebrate High Mass at St Francis Xavier Cathedral, assisted by parishioners and school children.

Among those addressing the opening of the conference will be Mr Gough Whitlam AC QC, and the Federal Minister for Administrative Services, Mr Stewart West. Macquarie University Professor, Barry Leal, as Deputy Vice-Chancellor, will host and open the Sydney session at Macquarie.

Further details will be notified in *Campus News* in due course.

For inquiries, copies of the full program, details of registration, bookings for social events and so on, please contact Mrs Anna Rousch, Administrative Co-ordinator (042) 27 0956, Mr Gaetano Rando, Department of Languages (042) 27 067, or me, Michael Arrighi, Conference and Public Relations Co-ordinator (042) 71 5539.

## Friends of the University

### VISITING BUDDHIST SCHOLARS

The Friends of the University cordially invite interested staff and students to two lectures on Buddhism.

**Friday July 29, 1 pm**, Northern Lounge, University Union.

Speaker: John Cooper – expert in Buddhist thought and practice.

**Tuesday August 30, 12.30 pm**, Northern Lounge, University Union.

Speaker: Dr Alexander Berzin will speak on *An Introduction to Tibetan Astrology and Astronomy*.

Dr Berzin received his PhD from Harvard University in 1972 from the Department of Far Eastern Languages and Sanskrit and Indian Studies, specialising in Tibetan Buddhism. Since 1969 he has lived primarily in India, where he went initially as a Fullbright Scholar. Since 1972 he has lived in Dharamsala, as a member of the Translation Bureau at His Holiness the Dalai Lama's Library of Tibetan Works and Archives. He is continuing his studies with some of the great masters from all four traditions of Tibetan Buddhism and has published more than a dozen books of translations. These include *An*

*Anthology of Well-Spoken Advice* (vol.1), *Mahamudra: Eliminating the Darkness of Ignorance*, *Dzog-chen: The Four Themed Precious Garland*, *The Wheel of Sharp Weapons*, and *A Compendium of Ways of Knowing*.

Since 1975, he has served as interpreter for several Tibetan masters, principally the Dalai Lama and his three late tutors. In this capacity he accompanied Tsenshap Serkong Rinpoche, the late Assistant Tutor, on two world tours in 1980 and 1982, and then after the death of Serkong Rinpoche has made two further lecture tours in 1984 and 1985. In April 1986 he began his current extended lecture tour to 24 countries, which included translating for the Dalai Lama in Holland.

Inquiries to Giles Pickford on (042) 27 0073.

### WANTED BOOKS WANTED

Needed now by the Graduates' Group of the Friends for their bookstall on University Open Day, August 28. Please deliver donations of novels, texts, comics and old publications to Friends' House, 55 Northfields Avenue, Keiraville. Your old stuff can be somebody else's treasure!

For inquiries telephone 61 2714 (Dapto), 29 1951 (Wollongong), 67 2229 (Austinmer).

Book conveners: Johanna de Jonge 67 2229, Marjory Macdonald 29 1951.

## TASC'S SCIENCE FOR EVERYBODY? A SELLOUT

Less than a week after its release, demand for a discussion paper prepared by TASC for the Department of Education, Employment and Training in Canberra, is about to outstrip supply.

The Department says that interest in *Science for Everybody?* has been overwhelming. As this issue of *Campus News* closes for press, only 7,000 of the 50,000 copies printed are left. And these remaining copies are selling at high speed.

The paper is the first step in halting the decline in the number of students learning science and improving Australia's technological competence, according to the Minister for Education. Its aim is to generate debate and submissions on science curricula for all levels of schooling as well as for community education. 'We need to better understand why people are turning away from science careers, so we can reverse the trend,' Mr Dawkins said.

The paper addresses some hard questions...

'Given that there are new requirements for our economic and social survival in the 21st century, how do we produce a more scientifically capable society?'

'How do we accommodate the constant and rapid change which is the hallmark of this new era?'

'What knowledge and skill will people need to become capable and confident citizens?'

'How can we satisfy society's need for high-level scientific expertise?'

'How can support from other sectors ensure the success of science education in meeting the challenge?'

... as well as the basics ...

'Is science really SO important?'

- for the individual?
- to society?
- at work?

'Science Education

- for whom? ... everybody?
- why?
- with what content?
- in what context?'

'The way ahead?

- who should be involved?
- what needs to be done?
- what are the priorities?
- how will we know if we've succeeded?'

Requests for the paper have come from all sectors of society, individuals and organisations, including educators, parent groups, unions and business organisations. The paper points out that the enthusiasm and interest of all of these groups is vital.

'In the interests of creating a secure future for all Australians, future efforts must be collaborative in nature—drawing on the resources of schools, industry and the community.

'At school we used to learn that Australia rode on the sheep's back. Now economists are predicting a very bumpy ride into the 21st century, unless we change vehicles. Escape from banana-republic status, they say, lies with science and technology.

'But there is more than economists at stake. If we are to avoid the trap that was the theme of the 1933 Chicago World Fair: *Science finds -Industry applies-Man conforms*, we need the skills to make choices about the new options offered in our society.

'If we wish to pursue these economic and social goals, the challenge for science education is immense.

Anyone wishing to obtain copies of *Science for Everybody?* should contact the Science Project Officer, Curriculum Development Centre, PO Box 34, Woden ACT 2606 (or telephone 062. 89 3700) without delay!

## Books and Reading

### MISTAKEN IDENTITY: Multiculturalism and the Demise of Nationalism in Australia

by Stephen Castles, Bill Cope, Mary Kalantzis and Michael Morrissey, Pluto Press, 1988.

By international and historical standards, Australia is a quiet place. Despite this appearance, much of world-historical significance has happened. Few conquests have been so systematic and brutal as that of Aboriginal society. Here the quiet is deceptively a product of the very severity of the conquest and, consequently, an active silencing of historical guilt and possible arguments about reparations. The other event of world historical importance is Australia's post-war immigration.

Again, the quiet of this place deceives. It has been a program of incomparable size internationally in the past half-century: a first world society with low birth rates has doubled its population, to a significant extent through immigration, in 40 years. No other nation-state has been as actively involved in the recruitment of immigrants. Nowhere have the sources of immigrants been so diverse.

This begins *Mistaken Identity*, one of the main pieces of work to be produced by the Centre for Multicultural Studies in The University of Wollongong in 1987. This book is a collective product of the Centre's intellectual energy, raising fundamental questions about Australian history, contemporary society and cultural identities. What has been the impact of mass immigration on Australia? What are the dimensions of multicultural policy, particularly as ethnicity relates to gender and class in complex and often contradictory ways? How does Aboriginal politics relate to multiculturalism? And perhaps the most fundamental question of all: with the rise of multiculturalism and Aboriginal politics, are traditional forms of nationalism viable any longer? Even before publication, interest has been shown in the book internationally, with extracts being published by the Institute of Race Relations in London, in its journal *Race and Class*.

Available from the Centre for Multicultural Studies: \$14.95.

### CO-OPERATIVE EDUCATION WORK SCHEMES

You are cordially invited to a seminar which has been arranged to investigate the viability of implementing co-operative education work schemes at The University of Wollongong.

Dr Gary Werskey, Director of Professional Studies at the University of New South Wales, and Ms Nicole Stransky, Recruitment Manager, ICI Headquarters in Melbourne, will be speaking at the seminar. A number of interested local manufacturers have also been invited.

Time: 1.30 pm.

Date: August 18.

Venue: Building 36, Room 303.

RSVP Jan Kemper on (042) 27 0962.

Professor Peter Rousch, Deputy Vice-Chancellor,  
Chairperson, Co-operative Education Work Schemes  
Working Party

# Research Funds

The sources of research funds given below are available to members of academic staff. Further information including application forms may be obtained from Kim Harriss (ext 3201). Intending applicants are reminded that all research applications must be forwarded through the Office of Research and Post-graduate Studies.

## AUSTRALIA-JAPAN RELATIONS IN THE HUMANITIES AND SOCIAL SCIENCES

The Australian Academies of the Social Sciences and the Humanities, with the support of the Australia-Japan Foundation, has invited applications for grants to foster understanding between Australia and Japan through research in the humanities and social sciences, with particular reference to changing aspects of the relations between the two countries.

Applications close with the University on July 28.

## BARLEY RESEARCH COUNCIL

The Barley Research Council invites the submission of preliminary summaries of proposed projects in Barley research.

Applications close with the University on August 1.

## AINSE RESEARCH GRANTS 1988

Applications are invited for support of new or continuing projects in the fields of Nuclear Science and Engineering. Applications for direct grants, credit grants for travel and accommodation and credit for Lucas Heights costs will be considered.

Applications close with the University on August 19.

## PUBLIC HEALTH RESEARCH PROJECT GRANTS

The Victorian Health Promotion Foundation invites applications for funding of research and development activities in support of the following objectives:

- projects related to the promotion of good health
- safety or the prevention and early detection of disease
- the encouragement of healthy lifestyles in the community
- and the support of activities involving participation in healthy pursuits.

Applications close with the University on August 17.

## CRIMINOLOGY RESEARCH GRANTS

The Criminology Research Council has invited applications for funding from individuals or organisations wishing to undertake research in connection with the

nature, causes, correction or prevention of criminal behaviour.

Applications close with the University on October 1.

## NURSING RESEARCH GRANTS

The Victorian Nursing Council invites applications for research grants to assist appropriately qualified persons to undertake research related to nursing education, nursing administration and clinical nursing practice.

Applications close with the University on October 17.

## Scholarships and Prizes

### WATER INDUSTRY RESEARCH AWARDS

The Australian Water Industry Research Advisory Council invites nominations for awards to be made for full-time study beginning in 1989 and leading to a Master or PhD in a field of water research at an Australian Tertiary Institution.

Applications close with the University on September 16.

### MENZIES RESEARCH SCHOLARSHIP

The Sir Robert Menzies Foundation invites applications for scholarships in an Australian Tertiary Institution for full-time postgraduate research leading to a higher degree in one of the allied health sciences. The scholarship is tenable for two years and carries a stipend of \$18,000 per annum.

### PREVIOUSLY REPORTED IN CAMPUS NEWS

|  | Internal Closing |
|--|------------------|
| Art and Working Life Program                         | August 1         |
| NH&MRC Fellowships                                   | August 5         |
| AINSE Research Fellowships                           | August 17        |
| Cancer Council Patient Care Awards                   | August 17        |
| Fenner Conferences                                   | August 17        |
| Commonwealth Scholarship and Fellowship Plan         | August 26        |
| Australian-European Awards                           | August 26        |
| Australian-Greek Awards                              | August 26        |
| Harkness Fellowships                                 | August 31        |
| Information and Communication Technology Grants      | September 2      |
| Grain Legumes Council Proposals                      | September 2      |
| Piero Fanti International Prize                      | September 16     |
| Royal Society of Victoria Medal                      | September 16     |
| Austrian Academy of Science Medals                   | September 16     |
| Japan Society Exchange Program                       | September 19     |
| Maxwell Ralph Jacobs Fund                            | October 17       |
| Gowie Scholarship                                    | October 17       |
| Benians Fellowships                                  | October 30       |
| Lionel Murphy Scholarships                           | November 16      |
| Academy of Science China Exchange                    | November 17      |
| IDP Research Funding                                 | Any time         |
| Earthwatch   | Any time         |
| Criminology Research                                 | Any time         |
| Pig Research Council -- Support for Eminent Visitors | Any time         |
| MERA Project Grants                                  | Any time         |
| Clive and Vera Ramaciotti Travel Grants              | Any time         |
| James N Kirby Foundation                             | Any time         |
| Telecom Research Laboratories                        | Any time         |
| NSW State Cancer Council                             | Any time         |
| Travel Grants-in-aid                                 | Any time         |
| Visual Arts/Craft Board                              | Any time         |

UNIVERSITY OPEN DAY

SUNDAY AUGUST 28



## Concerts, Exhibitions and Entertainment

### PROMISING YOUNG OPERA STAR TO SING IN OPERA AND OPERETTA CONCERT

Lovers of beautiful voices and lyrical melodies will be in for a vocal feast when the Illawarra Music Club presents nine of the finest local singers in a concert of opera and operetta favourites at the Illawarra Performing Arts Centre at 8 pm on Saturday July 30.

Arias and songs by Rossini, Mozart, Puccini, Verdi, Gounod, Lehar, Offenbach and Gilbert and Sullivan will be featured.

One of the Illawarra's most promising young vocalists, Marisa Mariani, will sing arias by Mozart and Puccini and 'Kind Sir' from Gilbert and Sullivan's 'The Gondoliers'.

Marisa's singing and vivid characterisation won her second place in the IMC's Illawarra Mercury 1987 National Aria competition and the Olive Brown Memorial prize for the best local entrant.

She is now studying at the Sydney Conservatorium for her Diploma in Operatic Art and looks set to become an opera star of the future.

Singers Roy Jackson, Cheryl Lear, Herman Loewen, Yvonne McColl, Linda Mansell, Peter Roberts, Dean Sinclair and Judith Stubbs make up the talented cast who will perform many of the finest 'plums' from the opera and operetta repertoire.

### STUDENTS' EXHIBITION

The 'Exhibitionists Urges'—an exhibition of work by past and present students of The School of Creative Arts—opened last Friday, and continues until August 7.

It is open Monday–Friday, 10 to 4 pm and Sundays, 1.30–4 pm in The Long Gallery, School of Creative Arts, The University of Wollongong, Building 25. Telephone (042) 28 0996.

### THE MERRY WIDOW

The University has an important role in the first major operatic production to be mounted by the Illawarra Performing Arts Centre—Franz Lehar's popular 'The Merry Widow'.

Its musical director, Dr Peter Shepherd, Acting Head of the School of Creative Arts, has been responsible for training the large cast and chorus.

He will conduct performances with the singers and a 34-piece orchestra.

Other staff members are involved: Jeff Kevin from the School of Creative Arts, and well-known for his many professional stage and television roles, plays the comedy role of Nhegus.

Rod McConchie, from the English Department, Lindsay Duncan and Michael Young from Creative Arts will perform on stage. Dr Andrew Schultz from School of Creative Arts, and Dr Brian Martin from STS are playing in the orchestra.

Students from the School of Creative Arts are involved in many aspects of the work, from singing in the chorus to gaining experience at backstage work. Costume designs are by Robyn Buschmann; stage managers are John Finney and Caroline Hilliard, all theatre students with the School.

Performances are Wednesday, Thursday and Friday, July 27, 28 and 29 at 8 pm, Saturday July 30 at 2 and 8 pm. Bookings 26 3366.

### CHOPIN SOCIETY NIGHT

Saturday September 3 at 7 pm at the Polish Club, 143 Gipps Road, Gwynneville; admission \$10—Chopin recital, band and supper.

The Chopin Society of Wollongong will raise \$1000 on this night to pay for the cost of sending our four young pianists to the National Chopin Competition in Melbourne.

These brilliant young people will perform on the night. RSVP to 27 0073 or 27 0083 saying how many seats are to be reserved in your name.

*Season  
extended  
for*

**SLACKY  
FLAT**



The season of Theatre South's Slacky Flat has been extended to August 6. The third play written by Wendy Richardson, now incidentally, studying for a BA in Eng. Lit. at this University, the play focuses on a township (Slacky Flat) below Bulli Tops—the site of a camp of temporary huts during the Great Depression. The McPhersons find shelter there and, through adversity, strength. They achieve a sense of belonging. Of her play Wendy Richardson says: 'Slacky Flat is dedicated to those men and women who share with me their personal stories of the depression. It pays tribute to their ingenuity, compassion and enduring spirit.'



Above left is Wendy Richardson, and above is Andrew James, as the conductor of the sing-along at Canary Cottage

## Seminars

### DEPARTMENT OF ECONOMICS

The schedule of Department of Economics seminars to August 1988 are:

July 26

S. Mark – *Rural income and employment opportunities in the Cimanuk River Basin of West Java.*

### DEPARTMENT OF BIOLOGY SEMINAR SERIES SESSION II

The Department of Biology seminars are held at The University of Wollongong on Wednesdays at 3.30 pm in Room 19, Building 35.

July 27

Speaker: Dr Woody Horning, Curator of Invertebrates, Macleay Museum, University of Sydney.

Title: A day in the life of the Macleay Museum.

August 3

Speaker: Dr David Ayre, Department of Biology, University of Wollongong.

Title: Population genetics in corals.

### GEOGRAPHY DEPARTMENT STUDENT SEMINAR SERIES

Room G027, 12.30 to 1.30 pm each Wednesday.

July 27

Speaker: Bruce Gardiner

Title: 'Alluvial stratigraphy and chronology of Nepean River Terraces in the Windsor-Richmond area'. (Hons project).

### DEPARTMENT OF METALLURGY AND MATERIALS ENGINEERING – SESSION 2 SEMINARS

Wednesdays 4.30 to 5.30 pm, Building 7, Room 134

Date: July 27.

Speaker: Govind Gupta, University of Wollongong.

Title: Mathematical Modelling for Simulation of Melting of Iron Oxide-Carbon Composite Pellets in an Induction Furnace.

Date: August 3.

Speaker: Dr D. Dunne, University of Wollongong.

Title: Shape Memory Alloys – Laboratory Curiosities or Commercial Materials?

### DEPARTMENT OF MANAGEMENT

Topic: On the Nature of Managerial Tasks and Skills: their distinguishing characteristics and organisations.

Speaker: Professor Richard Whitley, Manchester Business School, UK.

Date and Time: Thursday July 28, 10.30 am

Venue: Building 19, Room 1003.

Inquiries: Dr Muayyad Jabri, Seminar Co-ordinator, ext 3647.

### GEOGRAPHY DEPARTMENT STAFF AND VISITORS' SEMINAR SERIES

Room G027, 12.30 to 1.30 pm each Thursday.

July 28

Speaker: Dr Janet Hooke, Portsmouth Polytech.

Title: 'Historical changes in river valleys and terrace formation in Britain'.

August 4

Speaker: Dr Ros Muston, Biology Department, University of Wollongong.

Title: 'Can we really change Hawkesbury Sandstone communities with fire?'

### DEPARTMENT OF MATHEMATICS

Date and Time: Thursday July 28, 1.30 to 2.30 pm.

Speaker: Dr T.S. Horner.

Title: A Review of Numerical Methods for Calculating Eigenvalues.

Venue: Room 15.204 (Austin Keane Building).

### DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES

Topic: The transformation of expertise by new knowledge.

Speaker: Richard Whitley, Manchester Business School, U.K.

Date and Time: July 27, 1.30 pm

Venue: Building 19, Room 2061.

### SCHOOL OF CREATIVE ARTS POSTGRADUATE SEMINARS

All sessions will be held in the Music Centre, 2.30 to 5.30 pm.

July 29

*Subject and Reader Positions in the Arts.* Speaker: Gunther Kress. Chair: Ron Pretty.

### DEPARTMENT OF PHILOSOPHY

Date and time: Friday August 5, 2.30 pm

Topic: Killing Under Duress

Speaker: Suzanne Uniacke, University of Wollongong

Venue: Department of Philosophy Seminar Room, North Wing, Social Sciences Building, The University of Wollongong (Building 19.1034).

### DEPARTMENT OF COMPUTING SCIENCE

Date and Time: Friday August 5, 12.30 pm.

Speaker: Dr Ken Thompson, AT&T Bell Laboratories, USA.

Venue: Room 15.206.

Title: Computer Chess.

The speaker's computer chess program, Belle, won the 1980, 1981, 1982 and 1986 North American Computer Chess championships and the 1980 World Computer Chess championship.

### DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES, AND THE CENTRE FOR TECHNOLOGY AND SOCIAL CHANGE

Speaker: Bruno Latour, Centre de Sociologie de l'Innovation, Ecole des Mines, Paris.

Title: Mapping Technical Innovations – New Visualization Tools.

Date and Time: Monday August 8, 1.30 pm

Location: Conference Rooms 2 and 3, Illawarra Technology Centre.

## COMPUTER LITERACY

The University of Wollongong has a Computer Literacy Policy, and in the near future you will have to be Computer Literate to obtain your degree.

Sounds scary, but it isn't. You can become Computer Literate in any of the following ways:

- a) Successful completion of an appropriate Higher School Certificate subject (e.g. HSC Computing Science).
- b) Successful completion of relevant credit-earning computer courses considered to cover the literacy skills required by the University.
- c) Successful completion of one of the special courses described below.

## COMPUTER LITERACY PROGRAM

A package of courses has been established to provide for present and future computer literacy needs of the student body.

To book you place for Course #1, please contact ITC Computer Training on (042) 26 8884 (ext 3777) or Computer Services (042) 27 0850 (ext 3850).

To book your place for Course #2, please contact Apple Consortium on (042) 27 0775 (ext 3775).

### COURSE OUTLINES

#### COURSE #1 PERSONAL COMPUTERS FOR BEGINNERS 9 – 11 am

An introduction to Personal Computers, MS-DOS and Word Processing with PFS:First Choice.

**Content:** Hardware components, software requirements, typical application;  
Hardware usage – keyboard, diskettes, printer;  
Introduction to DOS  
– Simple usage (FORMAT, DIR, COPY, PRN)  
Introduction to Word Processing  
– Creating and formatting documents  
– Saving to disk and printing. File retrieval and text manipulation.

**Duration:** A 2-hour program.

**Cost:** \$59.80

Cost includes:

Computer and End Users software in BASIC book  
PFS:First Choice Manual  
PFS:First Choice Software Package  
2 hours training

**Time:** Courses will be held on Fridays at Computer Training between 9 and 11 am.

#### COURSE #2 INTRODUCTION TO THE APPLE MACINTOSH

An Introduction to the Macintosh and Word Processing with MICROSOFT WRITE.

**Content:** Introduction to the Macintosh;  
Introduction to Word Processing  
– Creating and formatting documents  
– Saving to disk and printing. File retrieval and text manipulation.

**Duration:** A 2-hour program.

**Cost:** Approximately \$50 – \$55

Cost includes:

A copy of the MICROSOFT WRITE  
Introduction to the Macintosh booklet  
Mastering the Macintosh booklet  
Tutorial booklet on MICROSOFT WRITE  
2 hours training.

**Time:** Course will be run on demand at lunch times and on weekends, in the library.